

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please CANCEL claims 2, 3, 12-14, 16, 17, 19-21, 23, 25, 28, 29, 39, 42 and 45-67 in accordance with the following:

1. (ORIGINAL) A micro-relay comprising:
a first substrate having stationary contacts and a stationary electrode;
a second substrate arranged so as to face the first substrate; and
a movable plate arranged between the first and second substrates,
the movable plate having a frame and a movable portion,
the frame being sandwiched between the first and second substrates to realize a
hermetical sealed structure,
the movable portion having a movable electrode facing the stationary electrode, and a
movable contact facing the stationary contacts,
the movable portion moving between the first and second substrates due to electrostatic
attraction that develops between the movable electrode and the stationary electrode.
2. (CANCELLED)
3. (CANCELLED)
4. (ORIGINAL) The micro-relay as claimed in claim 1, wherein the movable portion
has multiple movable contacts, and stationary contacts have branch portions that are
contactable to the multiple movable contacts.
5. (ORIGINAL) The micro-relay as claimed in claim 1, wherein the movable portion
has multiple movable contacts, and the substrate has stationary contacts that are contactable to

the multiple movable contacts and are provided independently.

6. (ORIGINAL) The micro-relay as claimed in claim 1, wherein the substrate has through holes via which interconnection lines extending from the first substrate are extracted to an outside of the micro-relay.

7. (ORIGINAL) The micro-relay as claimed in claim 1, wherein the substrate has through holes via which interconnection lines extending from the movable plate are extracted to an outside of the micro-relay.

8. (ORIGINAL) The micro-relay as claimed in claim 1, wherein interconnection lines extending from the substrate to an outside of the micro-relay are flush with a surface of the first substrate.

9. (ORIGINAL) The micro-relay as claimed in claim 1, wherein the movable portion is coupled to the frame by elastically deformable members.

10. (ORIGINAL) The micro-relay as claimed in claim 1, wherein the movable portion is coupled to the frame by hinge springs.

11. (ORIGINAL) The micro-relay as claimed in claim 1, wherein the movable portion is coupled to the frame by hinge springs arranged symmetrically.

12. (CANCELLED)

13. (CANCELLED)

14. (CANCELLED)

15. (ORIGINAL) The micro-relay as claimed in claim 1, wherein at least one of the frame and the movable portion has a stopper that restricts in-plane movement of the movable portion.

16. (CANCELLED)
17. (CANCELLED)
18. (ORIGINAL) The micro-relay as claimed in claim 1, wherein the movable portion has protrusions that prevent the movable portion from sticking to the first substrate.
19. (CANCELLED)
20. (CANCELLED)
21. (CANCELLED)
22. (ORIGINAL) The micro-relay as claimed in claim 1, wherein the second substrate has a flat plate shape.
23. (CANCELLED)
24. (ORIGINAL) The micro-relay as claimed in claim 1, wherein the second substrate has a stationary contact facing the movable contact.
25. (CANCELLED)
26. (ORIGINAL) The micro-relay as claimed in claim 25, wherein the stationary contact of the second substrate is grounded and the stationary contacts of the first substrate are for use in signal transmission.
27. (ORIGINAL) The micro-relay as claimed in claim 1, wherein the second substrate has stationary electrodes that face the movable contact.

28. (CANCELLED)

29. (CANCELLED)

30. (ORIGINAL) The micro-relay as claimed in claim 1, wherein the second substrate has a stationary electrode that faces the movable electrode, and a stationary contact that faces the movable contact.

31. (ORIGINAL) The micro-relay as claimed in claim 1, wherein:
the second substrate has a stationary electrode that faces the movable electrode, and a stationary contact that faces the movable contact; and
the movable contact is separated from the stationary contacts of the first and second substrates in the absence of electrostatic attraction.

32. (ORIGINAL) The micro-relay as claimed in claim 1, wherein:
the second substrate has a stationary electrode that faces the movable electrode, and a stationary contact that faces the movable contact;
the movable contact is separated from the stationary contacts of the first and second substrates in the absence of electrostatic attraction; and
the movable contact is brought into contact with the stationary electrode of the second substrate or the stationary contacts of the first substrate due to electrostatic attraction.

33. (ORIGINAL) The micro-relay as claimed in claim 1, wherein:
the second substrate has a stationary electrode that faces the movable electrode, and stationary contacts that face the movable contact; and
the movable contact is separated from the stationary contacts of the first and second substrates in the absence of electrostatic attraction.

34. (ORIGINAL) The micro-relay as claimed in claim 1, wherein the stationary contacts of the first substrate are for use in signal transmission, and the stationary contacts of the second substrate are for use in signal transmission.

35. (ORIGINAL) The micro-relay as claimed in claim 1, wherein the second substrate has a stationary electrode, and an interconnection line extending from the stationary electrode of the second substrate is extracted to an outside of the micro-relay via a through hole formed in the second substrate.

36. (ORIGINAL) The micro-relay as claimed in claim 1, wherein the second substrate has a stationary contact facing the movable contact, wherein an interconnection line extending from the stationary contact is extracted to an outside of the second substrate via a through hole formed in the second substrate.

37. (ORIGINAL) The micro-relay as claimed in claim 1, wherein the second substrate has a stationary contact facing the movable contact, and the movable plate has protrusions that prevent the movable portion from sticking to the second substrate.

38. (ORIGINAL) The micro-relay as claimed in claim 1, wherein the second substrate has a stationary contact facing the movable contact, and the movable plate has protrusions that prevent the movable portion from sticking to the first and second substrates.

39. (CANCELLED)

40. (ORIGINAL) The micro-relay as claimed in claim 1, wherein the frame has a thickness that defines spaces between the movable plate and the first stationary contact and between the movable plate and the second stationary contact.

41. (CANCELLED)

42. (CANCELLED)

43. (ORIGINAL) The micro-relay as claimed in claim 1, further comprising a base substrate that supports the first substrate, members that connect the movable electrode and the stationary electrode to pads formed on the base substrate, and resin that covers the first and second substrates and the movable plate.

44. (ORIGINAL) The micro-relay as claimed in claim 1, wherein the frame has a protrusion and the movable portion has a counterpart recess.

45. (CANCELLED)

46. (ORIGINAL) The micro-relay as claimed in claim 1, wherein the movable portion and the frame have an identical thickness.

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